Testing Technology Literacy
Resources

21st Century Skills/Assess 21

http://www.21stcenturyskills.org/route21/

These Web-based tools support key ICT literacy and 21st century skills. They include resources, recommendations, and goals.

Certiport Internet and Computing Core Certification (IC^3)

http://www.certiport.com/Portal/desktopdefault.aspx?tabid=229&roleid=102

IC^3 supports and tests core skills and knowledge related to hardware, software, and the Internet. It offers standard certification upon successful completion of the program.

ETS® ICT Literacy Assessment

http://www.ets.org/ictliteracy

This comprehensive test of information and communication technology (ICT) uses scenario-based tasks to measure cognitive and technical skills. The assessment informs articulation and progress standings and assesses individual student proficiency.

Foliotek™

http://www.foliotek.com/

Foliotek™ allows students to apply their knowledge of common applications and formats (e.g., MS Word, Excel, PowerPoint, Adobe Acrobat, HTML) in contexts outside the portfolio system. Students can align different elements of their portfolios with program standards and objectives, perform a gap analysis on their portfolios to identify standards that need to be better addressed, create and share various presentation portfolios, upload and organize files in a private storage area, and maintain multiple portfolios from multiple organizations.

International Computer Driver's License (ICDL)

http://www2.icdlus.com

The ICDL is a mixed-format test of technical IT skills designed to certify students' understanding of basic IT concepts and their competence with common computer applications. The tests include seven modules: Concepts of Information Technology, Using the Computer and Managing Files, Word Processing, Spreadsheets, Databases, Presentations, and Information and Communication. The course and assessment can be adapted to most major software platforms.

K to the 8th Power—Technology Literacy Test for Grades 6-8

http://www.kto8.com/se/index.php

This site helps teachers and lab directors determine each student's level of technology literacy based on the National Educational Technology Standards for Students (NETS*S) for grades six through eight. The results recommend specific lessons to address deficiencies. Each of the assessment's four sections is correlated to one or more of the six NETS*S standards.

Learning.com Tech Literacy Assessment
http://www.learning.com/tla/
This authentic classroom-based assessment measures the technology literacy and proficiency of elementary and middle school students. Through a mix of knowledge-based questions and performance-based items, it identifies critical areas of need. Topics include spreadsheets, word processing, databases, multimedia, presentations, telecommunications, Internet, systems fundamentals, and social and ethical issues.

North Carolina Test of Computer Skills
http://www.ncpublicschools.org/accountability/testing/computerskills/
All North Carolina students must pass this exam to graduate high school. It assesses students' understanding of ethical issues related to computer technology; knowledge and skills related to technology; and ability to use various technologies to access, analyze, interpret, synthesize, apply, and communicate information.

PILOT Student Technology Literacy Self-Assessment Survey
http://www.edtech.wednet.edu/pilotjr/
This site—a collaborative effort of the Educational Technology Support Centers (ETSC) of Washington State—is an online self-assessment tool that allows educators to determine their levels of technology proficiency and classroom application. Based upon these results, educators can identify professional development needs and locate statewide training opportunities.

PISA ICT Literacy Assessment
http://www.ictliteracy.info/
This assessment, which occurs in three-year cycles, determines the level to which students near the end of compulsory education have acquired the necessary reading, mathematical, and scientific knowledge and skills to participate fully in society. It was developed jointly by the United States' Educational Testing Service (ETS), Australia's ACER (Australian Council for Educational Research), Japan's NIER (National Institute for Educational Policy Research), and the international Organization for Economic Co-operation and Development (OECD).

Project SAILS (Standardized Assessment of Information Literacy Skills)
https://www.projectsails.org/
This project was developed by Kent State, the Association of Research Libraries, and the Institute of Museum and Library Services to standardize the testing of information literacy skills, allow libraries to document student skill levels, and pinpoint areas for improvement.

SAS/Curriculum Pathways
http://www.sasinschool.com/
These Web-based curricular resources help educators assess school effectiveness and manage data. It focuses on the core curricular areas, learner-centered tools, higher-order thinking, and 21st century skills.

Simple Assessment—infoSource Learning—Student Technology Proficiency Exam
http://www.simpleassessment.com/
This comprehensive assessment of eighth graders' basic technology literacy is mapped to the National Educational Technology Standards for Students (NETS*S) and designed to meet state and federal requirements.

TAGLIT
http://www.taglit.org
This suite of assessment tools helps principals and other school leaders gather, analyze, and report information about how teachers and students use technology in their schools. It contains separate assessment instruments for principals, teachers, and students.

Technological Fluency Institute
http://www.techfluency.org/
This site includes a performance-based computer assessment and a tutorial learning program that address six essential standards for the CAT1 assessment: (1) common technology devices, (2) basic file management tasks, (3) troubleshooting strategies for routine hardware and software problems, (4) software productivity tools, (5) communication tools, and (6) locating and collecting information.

TechPoint Proficiency Assessments
http://www.techpt.org/assessments.php
This site guides educators to custom-design assessments—or they can use predesigned tests—to address technology literacy. The predesigned tests cover fifth graders, eighth graders, and teacher assessments.

TechYES
http://genyes.com/programs/techyes/
This site allows schools, after-school programs, and community organizations to offer technology certification programs to students in grades six through nine. Students can develop projects that meet state and local technology proficiency requirements. A structured peer-mentoring program assists teachers or advisors and provides student leadership opportunities.